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PATENT

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application

) Art Unit: 2415

DEVIC G.

) Examiner: Unassigned

Application No.: 08/818,053

Filed: March 14, 1997

Title: METHOD AND APPARATUS FOR SHORTENING DISPLAY LIST  
INSTRUCTIONS

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8**

I hereby certify that this correspondence is being deposited in the United States  
Postal Service with sufficient postage as first class mail in an envelope addressed to  
Assistant Commissioner for Patents, Washington, D.C. 20231 on 2/6/98

Steven A. Shaw

(Signature)

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Listed below in Appendix A or on an attached Form PTO-1449 is information known to Applicant. A copy of each listed publication and U.S. and foreign patent, except for pending U.S. applications, is being submitted herewith, along with a concise explanation of information in a foreign language, if any, pursuant to 37 C.F.R. §§ 1.97-1.98.

If form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with MPEP § 609. Applicant respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56.

This statement qualifies under 37 C.F.R. §1.97, subsection b because to the best knowledge of the Applicant; It is being filed before the mail date of the first Office Action on the merits. If this statement is received by the USPTO after the mailing date of the first Office Action; the Commissioner is hereby authorized to charge Applicant's deposit account number 03-2028 for the fee of \$240 as required 37 C.F.R. § 1.97, subsection c and set forth in 37 C.F.R. § 1.17(p).

Respectfully submitted,

CIRRUS LOGIC, INC.

Customer Number 020284

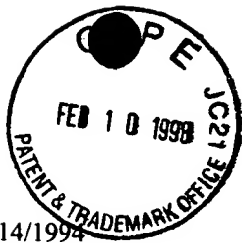
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## APPENDIX A

08/338,341 11/14/1994  
DISPLAY LIST PROCESSOR FOR OPERATING IN PROCESSOR AND COPROCESSOR MODES  
Thomas A. Dye

08/574,835 12/19/1995  
METHOD AND APPARATUS FOR PREFETCHING A NEXT INSTRUCTION USING DISPLAY LIST  
PROCESSING IN A GRAPHICS PROCESSOR  
Michael K. Larson

08/574,889 12/19/1995  
METHOD AND APPARATUS FOR OBJECT IDENTIFICATION AND COLLISION DETECTION IN THREE  
DIMENSIONAL GRAPHICS SPACE  
Goran Devic

08/670,299 06/27/1996  
TEXTURE MAP PACKING  
Christopher W. Shaw

08/671,138 06/27/1996  
PARTIAL POLYGON DRAWING WITH XY MAPPED MEMORY  
Michael K. Larson  
Daniel P. Wilde

08/671,977 06/28/1996  
IMPROVED SYSTEM AND METHOD OF RENDERING POLYGONS INTO A PIXEL GRID  
Michael K. Larson  
Daniel P. Wilde

08/672,613 06/28/1996  
PARALLEL MULTIPLY ACCUMULATE ARRAY CIRCUIT  
Thomas M. Ogletree

08/672,620 06/28/1996  
REGISTER SET REORDERING FOR A GRAPHICS PROCESSOR BASED UPON THE TYPE OF PRIMITIVE  
TO BE RENDERED  
Michael K. Larson  
Pat Harkin

08/672,642 06/28/1996  
EMBEDDING A TRANSPARENCY ENABLE BIT AS PART OF A RESIZING BIT BLOCK TRANSFER  
OPERATION  
Thomas A. Dye

08/673,774 06/27/1996  
OBJECT REFERENCED MEMORY MAPPING  
Michael K. Larson

08/691,762 08/02/1996  
METHOD AND APPARATUS FOR DYNAMIC XY TILED TEXTURE CACHING  
Daniel P. Wilde

## APPENDIX A

08/720,395 09/30/1996

DYNAMIC SWITCHING OF TEXTURE MIP-MAPS BASED ON DEPTH USING A SOFTWARE GRAPHIC ENGINE

Gautam P. Vaswani

08/720,396 09/30/1996

VIRTUAL ADDRESSING FOR SUBSYSTEM DMA

Timothy J. McDonald

Michael K. Larson

Tom Albers

08/724,566 09/30/1996

A METHOD OF OBTAINING A BUFFER OF CONTIGUOUS MEMORY AND BUILDING A PAGE TABLE

Goran Devic

08/724,616 09/30/1996

DYNAMIC SWITCHING OF TEXTURE MIP-MAPS BASED ON PIXEL DEPTH VALUE

Gautam P. Vaswani

08/724,618 09/30/1996

INSTRUCTION FORMAT FOR ENSURING SAFE EXECUTION OF DISPLAY LIST

Goran Devic

08/773,921 12/30/1996

TILED LINEAR HOST TEXTURE STORAGE

Daniel P. Wilde

Timothy J. McDonald

08/774,787 12/30/1996

NON-HOMOGENOUS 2ND ORDER PERSPECTIVE TEXTURE MAPPING USING LINEAR INTERPOLATION PARAMETERS

Gautam P. Vaswani

Thomas A. Dye

Michael K. Larson

08/777,556 12/30/1996

CIRCUIT FOR DETERMINING NON-HOMOGENOUS SECOND ORDER PERSPECTIVE TEXTURE MAPPING COORDINATES USING LINEAR INTERPOLATION

Gautam P. Vaswani

Daniel P. Wilde

Thomas A. Dye

Michael K. Larson

08/777,557 12/30/1996

IMPROVED DITHERING METHOD AND APPARATUS USING RAMP PROBABILITY LOGIC

Daniel P. Wilde

08/777,558 12/30/1996

METHOD FOR COMPUTING PARAMETERS USING IN A NON-HOMOGENOUS SECOND ORDER PERSPECTIVE TEXTURE MAPPING PROCESS USING INTERPOLATION

Mark A. Einkauf

Michael K. Larson

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08/803,460 02/20/1997

METHOD FOR TRIANGLE SUBDIVISION IN COMPUTER GRAPHICS TEXTURE MAPPING TO  
ELIMINATE ARTIFACTS IN HIGH PERSPECTIVE POLYGONS

Mark A. Einkauf

08/803,461 02/20/1997

METHOD AND APPARATUS FOR ADJUSTING GRAPHICS PROCESSING PROCEDURES BASED ON A  
SELECTABLE SPEED/QUALITY GAUGE

Mark A. Einkauf

Thomas A. Dye

Goran Devic

08/811,491 03/05/1997

TEXTURE MAP STORAGE WITH UV REMAPPING

Daniel P. Wilde

08/818,053 03/14/1997

METHOD AND APPARATUS FOR SHORTEN DISPLAY LIST INSTRUCTIONS

Goran Devic

08/828,528 03/31/1997

A METHOD AND SYSTEM FOR EFFICIENT REGISTER SORTING FOR THREE DIMENSIONAL  
GRAPHICS

Thomas M. Ogletree

Mark A. Einkauf

08/829,758 03/31/1997

TEXTURE MAP SCALING IN THE FREQUENCY DOMAIN

Thomas M. Ogletree

Thomas A. Dye

08/831,283 03/31/1997

DYNAMICALLY SELECTABLE TEXTURE FILTER FOR COMPUTER GRAPHICS

Gautam P. Vaswani

Daniel P. Wilde

Thomas A. Dye

08/832,789 04/04/1997

METHOD FOR INDIRECT ADDRESSING IN RISC CORE

Thomas M. Ogletree

08/852,468 05/07/1997

METHOD AND APPARATUS FOR INTERNALLY CACHING THE MINIMUM AND MAXIMUM XY PIXEL  
ADDRESS VALUES IN A GRAPHICS SUBSYSTEM

Daniel P. Wilde

08/854,654 05/12/1997

DYNAMIC PIPELINE FOR A PROCESSOR

Thomas A. Dye

## APPENDIX A

08/856,546      05/15/1997

SOFTWARE-BASED DITHERING METHOD AND APPARATUS USING RAMP PROBABILITY LOGIC

Gautam Vaswani

Daniel P. Wilde

Thomas Dye

08/892,073      07/14/1997

METHOD OF SYNCHRONIZING MULTIPLE MEMORY BUFFERS FOR GRAPHICS ANIMATION

Thomas A. Dye

Bradley A. May

Mike X. Cui

08/932,402      09/17/1997

CHROMA KEYED SPECULAR TEXTURE MAPPING IN A GRAPHICS PROCESSOR

Christopher W. Shaw

Goran Devic

08/932,760      09/17/1997

SELECTABLE MODE SMOOTHING TEXTURE FILTER FOR COMPUTER GRAPHICS

Goran Devic

Christopher W. Shaw

08/944,946      10/02/1997

MASTER INPUT/OUTPUT PROCESSING

Michael K. Larson

Timothy J. McDonald

08/993,679      09/19/1997

OPTIMIZED FIFO MEMORY

Patrick A. Harkin